



Terminals & Splices > Automotive Terminals > MCON 1.2 Locking Lance Receptacle and Tab Terminals



Terminal Type: **Tab**
Mating Tab Width: **1.2 mm [.047 in]**
Mating Tab Thickness: **.6 mm [.024 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **20 – 18 AWG**

[All MCON 1.2 Locking Lance Receptacle and Tab Terminals \(18\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	1.15mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	10 A
Crimp Type	F-Crimp
Terminal Type	Tab
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Silver (Ag)

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 1.9 mm[.051 – .074 in]
Wire Size	.5 – .75 mm²
Wire Size Search	18 AWG, 19 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC



Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

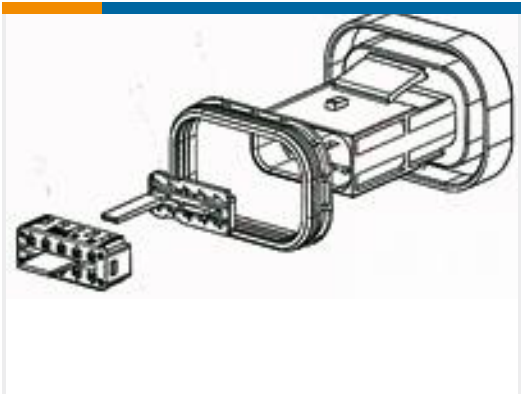
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Part # CAT-N14-MSTH12128 MCON 1.2, 1-row, 2-8 POS TAB Housing, Sealed	TE Part # 967056-1 MQS BLINDSTOPFEN4MM	TE Part # 967067-1 MQS SGL WIRE SEAL	TE Part # 967067-2 MQS EINZELLEITDICHT
TE Part # 5-1579007-3 EXTRACTION TOOL	TE Part # 1-1703494-4 3POS, MCON 1.2 LL TAB SEALED COD A	TE Part # 1-1703498-4 2POS, MCON 1.2 LL TAB SEALED COD A	TE Part # 964972-1 EINZELLEITERDICHTNG
TE Part # 7-1452668-3 MCON 1.2 LL REC SWS AG	TE Part # 3-1579028-8 EXTRACTION TOOL	TE Part # 1801606-4 TAB HOUSING, MCON, 10 W, SEALED	TE Part # 2-1564559-4 4POS, MCON 1.2 LL TAB SEALED COD B



TE Part # 1-1564559-4
4POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 1801610-1
BULK HEAD, MCON, 10W, CLIPPED



TE Part # 1-2141324-5
6POS, MCON 1.2 LL TAB SEALED
COD A



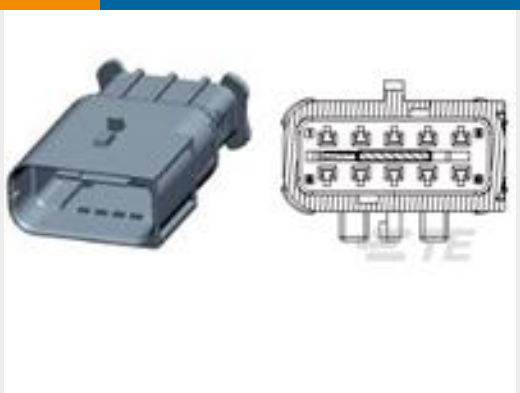
TE Part # 1-2141520-4
5POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 1-2236954-5
5POS, MCON 1.2 LL TAB SEALED
COD A



TE Part # 1801606-1
TAB HOUSING, MCON, 10 W, SEALED



TE Part # 1801606-2
TAB HOUSING, MCON, 10 W, SEALED

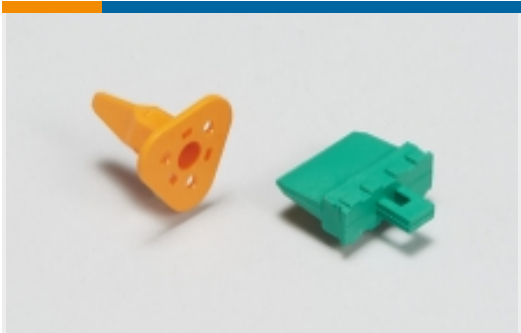


TE Part # 1801606-3
TAB HOUSING, MCON, 10 W, SEALED

Also in the Series | MCON 1.2mm



Automotive Connector Caps & Covers
(18)



Automotive Connector Locks &
Position Assurance(10)



Automotive Housings(328)



Automotive Terminals(96)



Connector Seals & Cavity Plugs(11)

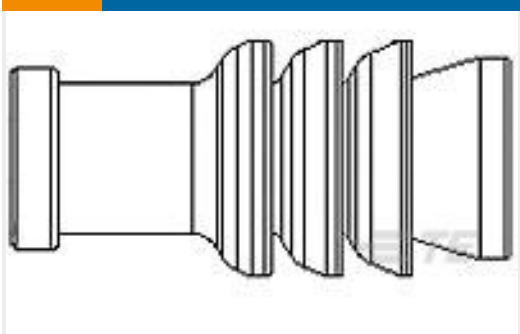


Insertion & Extraction Tools(5)



Other Automotive Connector
Accessories(7)

Customers Also Bought



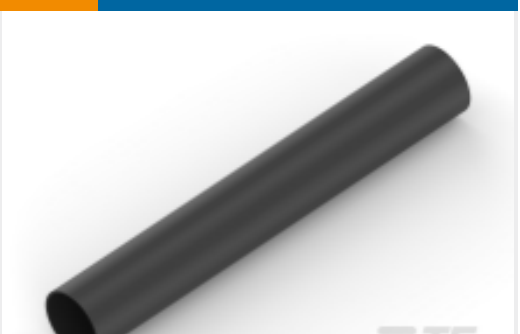
TE Part #967067-1
MQS SGL WIRE SEAL



TE Part #2-1419158-3
GET MALE TERM, B, AU



TE Part #969028-3
TAB A 1.6x0.6 CONTACT CS SWS Au



TE Part #NB09176001
ATUM-12/4-0-35MM



TE Part #2-2138685-5
27pos MQS .63 header 180deg

TE Part #2282151-2
3POS,NANOMQS,REC HSG,CODB

TE Part #2337306-1
2X2 PLG ASY KEY G C3 W/CPA

TE Part #7-2151540-7
OCEAN_2.0_SPARE_PART_KIT-055F070O

TE Part #1801174-5
2W TAB HP CONNECTOR GREEN

TE Part #86BSD150PA-3AIP
PRESS,ISO,BACK-SIDE DIGITAL

Documents

Product Drawings

MCON 1.2 LL TAB SWS AG

English

MCON 1.2 LL TAB SWS AG

English

CAD Files

Customer View Model

ENG_CVM_CVM_1718760-3_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1718760-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1718760-3_A.3d_stp.zip

English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English

1718760-3

Tab, Mating Tab Width 1.2 mm [.047 in], Tab Thickness .6 mm [.024 in], 20 – 18 AWG
Wire Size, .5 – .75 mm² Wire Size, MCON 1.2mm, Automotive Terminals

